

STATE OF HAWAII REQUEST FOR SOLE SOURCE

04 MAY 21 AIO:54

TO: Chief Procurement Officer

STATE PROCUREMENT OFFICE
STATE OF HAWAII

FROM: DLNR/ Division of Conservation and Resources Enforcement
(Department/Division/Agency)

Pursuant to §103D-306, HRS, and Subchapter 9, Chapter 3-122, HAR, the Department requests sole source approval to purchase the following:

Description of goods, services, or construction:

Engineer, design, deliver and install one (1) new solar powered Quantar, P25 VHF repeater with NEMA 4X enclosure at Kalalau Valley on Kauai. Engineer, design, deliver and install one (1) new solar powered, P25 bi-directional, inter-operable portable repeater system with NEMA 4X repeater enclosure at Kalalau Valley on Kauai. Provide connectivity from Kalalau Valley to Kauai SOB by installing a new Astro P25 control/base station with antenna and power supply at Kauai SOB.

Name of Vendor:	Pacific Wireless Communications	Cost: \$60,000
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Address:	710 Kakoi St. Honolulu, HI 96819
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Term of Contract:	From: 4/1/04	To: 4/30/05	Prior Sole Source Reference No.: 03-47-J
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The goods, services, or construction has the following unique features, characteristics, or capabilities:

The current project will provide radio communications via the DLNR Green Net system into Kalalau Valley (Na Pali State Park, Kauai), which is currently unserved by any other radio system. The lack of communications puts DLNR and its cooperators at considerable risk in the valley when undertaking such activities as law enforcement, drug interdiction, emergency search and rescue and routine management.

The Kalalau radio infrastructure will have the capability to connect to the Kauai Counties SmartNet communications systems for inter-operability in the event of a local or State Wide emergency. This will provide the County of Kauai police, EMS and fire departments communications into Kalalau via the DLNR system. The system will also be designed so that it will be interoperable with any other radio system that is compliant with the nationally accepted P25 interoperability standard. This would include the statewide PACMERS system.

The proposed fixed radio repeater stations shall be capable of integrating with an ASTRO APCO 25 Digital SMARTZONE Radio Communications System and Motorola SmartNet infrastructure currently used by DOT Highways, DOT Airport Division statewide and Kauai County and with the Federal Government's PACMERS SmartZone switch. The interface into the PACMERS radio communications console will connect the DLNR radio communication system to the SmartZone switch. Future connectivity interface should include provisions for future ASTRO signalling format.

How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work: The DLNR Green Net radio system is an essential public safety asset for the Department of Land and Natural Resources, and for the State of Hawaii in general. This statewide radio system is used heavily by DLNR staff and our cooperators for fire fighting, law enforcement, emergency response, homeland security and general operations. The Green Net system provides communications to most of the remote areas that DLNR manages. It is unique because it provides communication to many portions of the State that are not covered by other radio systems, such as county police and fire, Emergency Medical Services, the State Department of Defense, and the State Department of Transportation.

Pacific Wireless Communications and its predecessor Motorola, have designed and installed nearly all of the in-place equipment that comprise the system. They are the maintenance vendor for DLNR Green Net system through an annual maintenance contract. Since the 1970's DLNR has been very happy with the level of service and support provided by PWC and considers the relationship to be an extremely successful partnership.

Interisland connectivity, interagency connectivity, and several essential sub components for DLNR's Green Net system are provided by the State of Hawaii microwave system. PWC is the maintenance vendor for the State microwave system. When installing, testing and maintaining the Green Net system it is essential for the maintenance vendor to understand and have access to the State microwave system. PWC is the only vendor in the state with the level of expertise, and access required for structural modifications such as this project which will provide communications into Kalalau Valley.

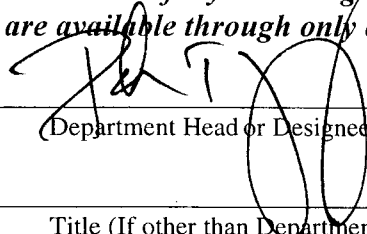
The following other possible sources for the goods, services, or construction were investigated but do not meet our needs because:

No other radio vendor in the State of Hawaii has PWC's qualifications or experience with the DLNR Green Net System, the State of Hawaii microwave system, Kauai county radio system and the military PACMERS system. All of these systems must interface with the repeater being installed for Kalalau Valley.

Direct questions to: Ronald Cannarella

Phone: (808) 587-4189

I certify that the information provided above is to the best of my knowledge, true, correct and that the goods, services, or construction are available through only one source.


(Department Head or Designee)

Date

Title (If other than Department Head)

Chief Procurement Officer's comments:

Please ensure adherence to applicable administrative and statutory requirements.

Expenditure may be processed through a purchase order: Yes ☐ No ☒ If no, a contract must be executed and funds certified.

☒ APPROVED

☐ DISAPPROVED


Chief Procurement Officer

6/10/04

Date

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Direct any inquiries to:		
Department: DLNR/ Division of Forestry & Wildlife		Phone Number: 587-4189
Contact Name/Title:	Ronald Cannarella, Planning & Information Services	
Address:	1151 Punchbowl St. Rm. 325 Honolulu, HI 96813	Fax Number: 587-0160

Chief Procurement Officer
Office/Agency _____
Address _____